

Hay-Budden American Made Anvils

The Hay-Budden Manufacturing Company, of Brooklyn, began the manufacture of anvils in America near the close of the last century, and by the use of the best material and the best appliances available, together with smiths that were artists in their calling and a reasonable protective tariff, a new industry was established, and several hundred American workmen enjoyed a high rate of wages and the works spread into acres and the foreign made anvil vanished from the American market. The firm has been almost without a rival, and their fine products have found new markets in almost every country in the world. One would marvel what comes of the anvils. They are as enduring as the pyramids. But the world widens and when a new railroad shop springs into being a row of anvils are set in shining splendor along the far-stretching smithy and the words "Hay-Budden" are stamped upon them. Go to the uttermost ends of the earth, to the Sandwich Island or the Philippines, and you will hear their bell-like notes waking the echoes keeping time with the march of civilization. In new battleships, in mines, in the glow of campfires, in the train of armies—they are there.

A big fire consumed the original buildings in one winter night, but it proved to be the furnace fires out of which the pure gold comes. A steel and brick structure rose on the ruins of the early buildings, and it defies the elements, and so the business went on and with improved appliances the output multiplied, so that the fire was a blessing in disguise. This was not all. The tariff-tinkers began to get their fine work in, and the American workmen, earning about thirty-six dollars per week, had to compete against Scandinavians and other Northern Europeans earning less than nine dollars per week. Mr. James Hay, president of the firm of the Hay-Budden Company, personally presented a masterly statement before the Ways and Means Committee of the House of Representatives last year, but the political steam roller was at work, and Mr. Hay's convincing statement and array of facts and figures fell upon inattentive ears. The tariff was lowered to a mere fraction, with the result that the anvil industry together with all industries in this country that have to compete with cheap foreign labor have become almost demoralized, and the promoters are at their wit's end to meet the industrial situation.

Structurally the Hay-Budden anvils were originally steel faced, and, although these served the purpose admirably, the

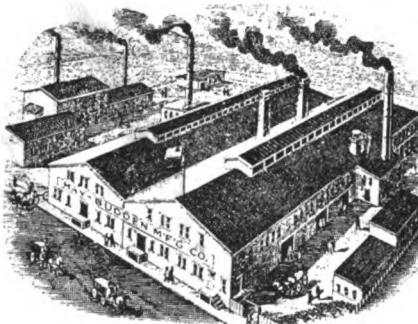
present method is a combination of a wrought iron base and the upper part of the best quality of high carbon steel. The change has not been made because the anvils are thereby made more durable, but because the construction is more expeditious. The steel and iron billets are shaped into form as it were with the rapid closing of the ponderous presses, and all that is left to do is the welding at the waist and some finishing work on the horn of the anvil.

It may be added that the methods and



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appliances used in the grinding and tempering of the anvils have also reached a degree of perfection that can only come from long experience, and finally the testing involves processes that justify the guarantee that accompanies each particular anvil when it reaches the hands of the purchasers. It need hardly be stated that the anvils are of all varieties and sizes, the numerous dies used in the hydraulic presses being constructed for every kind



HAY-BIDDEN MANUFACTURING COMPANY'S WORKS, BROOKLYN, N. Y.

of anvil in use, so that in meeting specific orders where the complete dimensions are given there are no delays in filling the order.

This firm has also since they started in business made a specialty of dies and special tool steel forgings, and steel rings without a weld, which are meeting with much popular favor.